

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

MA0004	Overall LMA Rating	Total LMA Miles				
Sacramento Maintenance Yard Maintenance Area 0004	A	3.40				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	0.01		0.01	0.29%		
Trim / Thin Trees	0.16		0.16	4.71%		
Encroachments					1.19	0.35
Animal Control	0.04		0.04	1.18%		
<i>LMA Totals:</i>	0.21	0.00	0.21	6.18%	1.19	0.35

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2011 Levee Inspection Results

Sacramento Maintenance Yard Maintenance Area 0004

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Sacramento Maintenance Yard Maintenance Area 0004

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	3.40
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/29/2011 - 3/29/2011		10/27/2011 - 10/27/2011	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	Dave Williams Sacramento Maintenance		Dave Williams Sacramento Maintenance	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Sacramento Maintenance Yard Maintenance Area 0004

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Right	3.40	10/27/2011 10/27/2011	John Williamson	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.04	0.04	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.596766 ° -121.547244 °	38.596766 ° -121.547244 °	174 Y
2	0.05	0.05	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.596722 ° -121.546971 °	38.596722 ° -121.546971 °	175 Y
3	0.08	0.08	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.596643 ° -121.546362 °	38.596643 ° -121.546362 °	176 Y
4	0.28	0.44	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Chain link fence runs along the waterside shoulder of levee and no access to trim and thin trees or vegetation. This is the fence for the USACE Brythe Yard and runs the entire yard.	38.597188 ° -121.543401 °	38.598649 ° -121.540960 °	15 Y
5	0.28	0.28	Earthen Levee	Encroachments	CR	CO	Fences Inspector Comments: This is the USACE yard and the chain link fence crosses the levee. The fence runs the length of the yard on the crown.	38.597193 ° -121.543421 °	38.597193 ° -121.543421 °	2 Y
6	0.68	1.31	Earthen Levee	Crown Surface / Depressions / Rutting	CR	W	Regrade the crown roadway for proper drainage. Inspector Comments: I am unable to inspect this area due to construction. A SB wall and reconstruction of the levee is in progress.	38.600857 ° -121.537060 °	38.602755 ° -121.525830 °	177 Y
7	1.32	1.95	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: The Rivers housing development	38.602756 ° -121.525618 °	38.600449 ° -121.514459 °	7 Y
8	1.33	1.49	Earthen Levee	Encroachments	CR	CO	Buildings Inspector Comments: The Rivers housing development houses on crown of levee waterside	38.602764 ° -121.525319 °	38.602596 ° -121.522439 °	8 Y
9	2.00	2.17	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: A fence runs along the toe of the landside levee	38.599834 ° -121.513994 °	38.597531 ° -121.513147 °	14 Y
10	2.87	2.87	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.588989 ° -121.507952 °	38.588989 ° -121.507952 °	178 Y
11	3.02	3.02	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.586983 ° -121.508121 °	38.586983 ° -121.508121 °	179 Y
12	3.02	3.02	Earthen Levee	Encroachments	CR	CO	Fences Inspector Comments: Fence was installed from the 'I' St. bridge to 3rd St. on both sides of the railroad tracks. The fence crosses the crown. The crown was not accessible because of the railroad tracks before.	38.586887 ° -121.508150 °	38.586887 ° -121.508150 °	6 Y
13	3.07	3.30	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: CalSTRS building and Ziegot building	38.585640 ° -121.508383 °	38.582230 ° -121.509110 °	13 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	10/27/2011 10/27/2011	John Williamson

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
14	3.07	3.40	Earthen Levee	Encroachments	WS PO	Landscaping	38.585642 ° 38.534710 ° Inspector Comments: West Sacramento's River walk runs from Tower Bridge to I st Bridge	-121.508385 ° -121.517390 °	12	Y

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	10/27/2011 10/27/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.04
End Levee Mile	0.04
Location	Water Side
Category	Earthen Levee
Item	Animal Control

A large rodent hole Fall 2011

johngw_f_20111031_435.jpg



Levee Mile Report Line	2
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Animal Control

A large rodent hole. Fall 2011

johngw_f_20111031_436.jpg



Levee Mile Report Line	4
Start Levee Mile	0.28
End Levee Mile	0.44
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

The trees need to be trimmed up and thinned to meet standards.

johngw_f_20110923_011.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	10/27/2011 10/27/2011	John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.28
End Levee Mile	0.44
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

The trees have been raised but vegetation needs to be trimmed. Fall 2011

johngw_f_20111031_437.jpg



Levee Mile Report Line	5
Start Levee Mile	0.28
End Levee Mile	0.28
Location	Crown
Category	Earthen Levee
Item	Encroachments

The fence goes down the waterside with no removal sections.

johngw_f_20110923_002.jpg



Levee Mile Report Line	5
Start Levee Mile	0.28
End Levee Mile	0.28
Location	Crown
Category	Earthen Levee
Item	Encroachments

The fence crosses the levee crown with no gate for access. The buildings are the USACE yard. Fall 2011

johngw_f_20111031_438.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	10/27/2011 10/27/2011	John Williamson

Levee Mile Report Line	6
Start Levee Mile	0.68
End Levee Mile	1.31
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Reconstruction of the levee after the slurry wall has been completed. Fall 2011	
johngw_f_20111031_439.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.68
End Levee Mile	1.31
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
A view from the Rivers development. The groundcover has been removed and the levee was re-sloped. Fall 2011	
johngw_f_20111031_440.jpg	



Levee Mile Report Line	7
Start Levee Mile	1.32
End Levee Mile	1.95
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on the landside slope outside of the Rivers development. Fall 2011	
johngw_f_20111031_441.jpg	

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Levee Inspection Report By Mile - Fall 2011

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	10/27/2011 10/27/2011	John Williamson

Levee Mile Report Line	8
Start Levee Mile	1.33
End Levee Mile	1.49
Location	Crown
Category	Earthen Levee
Item	Encroachments
Houses on the crown of the levee Fall 2011	
johngw_f_20111031_442.jpg	



Levee Mile Report Line	9
Start Levee Mile	2.00
End Levee Mile	2.17
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence and landscaping along the levee toe by the condos in the Rivers.	
johngw_f_20110923_010.jpg	



Levee Mile Report Line	9
Start Levee Mile	2.00
End Levee Mile	2.17
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The fence runs along the toe of the levee. Fall 2011	
johngw_f_20111031_443.jpg	

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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2011

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	10/27/2011 10/27/2011	John Williamson

Levee Mile Report Line	10
Start Levee Mile	2.87
End Levee Mile	2.87
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The vegetation on the landside toe blocks visibility. Fall 2011

johngw_f_20111031_444.jpg



Levee Mile Report Line	11
Start Levee Mile	3.02
End Levee Mile	3.02
Location	Water Side
Category	Earthen Levee
Item	Animal Control

A large rodent hole. Fall 2011

johngw_f_20111031_445.jpg



Levee Mile Report Line	12
Start Levee Mile	3.02
End Levee Mile	3.02
Location	Crown
Category	Earthen Levee
Item	Encroachments

The fence is across the levee crown on both side of the railroad tracks.

johngw_f_20110923_003.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	10/27/2011 10/27/2011	John Williamson

Levee Mile Report Line	12
Start Levee Mile	3.02
End Levee Mile	3.02
Location	Crown
Category	Earthen Levee
Item	Encroachments

The fence on both side of the tracks goes to Third street.

johngw_f_20110923_004.jpg



Levee Mile Report Line	13
Start Levee Mile	3.07
End Levee Mile	3.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments

CalSTRS and Ziegler building. Fall 2011

johngw_f_20111031_446.jpg



Levee Mile Report Line	14
Start Levee Mile	3.07
End Levee Mile	3.40
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Landscaping on the waterside of the levee

johngw_f_20110923_008.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.40	10/27/2011 10/27/2011	John Williamson

Levee Mile Report Line	14
Start Levee Mile	3.07
End Levee Mile	3.40
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Steps and landscaping on the crown and waterside of the levee. Fall 2011

johngw_f_20111031_447.jpg



*** Location**

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WS : Water Side
CR : Crown

**** Rating**

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